

| Ref # | Hits  | Search Query                                                                                                                                      | DBs                                                     | Default Operator | Plurals | Time Stamp       |
|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|------------------|---------|------------------|
| S1    | 11149 | cell adj3 (ID or identification)                                                                                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 07:58 |
| S2    | 18491 | common adj2 (pilot or channel)                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 13:06 |
| S3    | 44    | S1 same S2                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/03 16:12 |
| S4    | 14915 | cell adj3 (ID or identification or code)                                                                                                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 07:58 |
| S5    | 3     | METHOD with GENERAT\$3 with TRANSMIT\$3 with (OPTIM\$5 or tempora\$3) with (CELL or site) with (IDENTIFY\$3 or identification\$1 or ID) with CODE | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 08:17 |
| S6    | 21    | (Song with Young with Joon).in.                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 08:11 |
| S7    | 0     | (Song with YEong with Jun).in.                                                                                                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 08:10 |
| S8    | 249   | (SONG near2 (YEONG or JUN)).in.                                                                                                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 08:11 |
| S9    | 3     | S4 and S6                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/04 08:17 |

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| S10 | 1    | S4 and S8                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:17 |
| S11 | 10   | GENERAT\$3 with (OPTIM\$5 or tempora\$3) with (CELL or site) with (IDENTIFY\$3 or identification\$1 or ID) with CODE             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:19 |
| S12 | 0    | S8 and S11                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:18 |
| S13 | 66   | ( GENERAT\$3 with OPTIM\$5 or tempora\$3) with (CELL or site or station) with (IDENTIFY\$3 or identification\$1 or ID) with CODE | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:01 |
| S14 | 0    | S13 and S8                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:20 |
| S15 | 372  | hadamard near1 code                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:21 |
| S16 | 0    | S8 and S15                                                                                                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:20 |
| S17 | 24   | (hadamard near1 code) same ((IDENTIF\$4 or identification\$1 or ID) near4 CODE)                                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:28 |
| S18 | 8088 | select\$3 with ((active or candidate) near3 (cell or site or station))                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:06 |
| S19 | 6843 | ((IDENTIF\$4 or identification\$1 or ID) near4 CODE) with (pilot or CPICH or channel or power)                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:28 |

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| S20 | 117   | (cell or site or station) with<br>(((IDENTIF\$4 or identification\$1<br>or ID) near4 CODE) near5<br>(OPTIM\$5 or tempora\$3 or<br>primary)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:29 |
| S21 | 11    | S18 and S19 and S20                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:30 |
| S22 | 20635 | (OPTIM\$5 or tempora\$3 or<br>primar\$3) near3 (IDENTIFY\$3 or<br>identification\$1 or (ID))                                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 08:35 |
| S23 | 10    | S21 and S22                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 09:09 |
| S24 | 472   | minimum adj hamming adj<br>distance                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 09:09 |
| S25 | 4     | S24 same SSDT                                                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 09:09 |
| S26 | 10    | S21 and S22                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 09:16 |
| S27 | 732   | UTRAN with RNC                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 10:09 |
| S28 | 1     | S24 and S27                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 10:09 |
| S29 | 30    | S19 and S27                                                                                                                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 10:34 |

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| S30 | 478  | TS adj "25.214" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 10:35 |
| S31 | 18   | S22 and S30     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 12:49 |
| S32 | 2197 | (455/436).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:49 |
| S33 | 605  | (455/437).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:49 |
| S34 | 379  | (455/439).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:49 |
| S35 | 243  | (455/438).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:49 |
| S36 | 567  | (455/442).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S37 | 196  | (455/443).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S38 | 1650 | (455/450).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S39 | 784  | (455/509).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |

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| S40 | 211  | (455/512).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S41 | 203  | (455/513).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S42 | 2156 | (455/517).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S43 | 1885 | (455/522).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:50 |
| S44 | 719  | (455/524).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:51 |
| S45 | 370  | (455/525).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:51 |
| S46 | 1387 | (455/69).CCLS.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:51 |
| S47 | 845  | (455/560).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:51 |
| S48 | 1262 | (370/328).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S49 | 454  | (370/310).CCLS. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:51 |

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| S50 | 1182 | (370/329).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S51 | 54   | (370/327).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S52 | 2354 | (370/335).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S53 | 2911 | (370/342).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S54 | 669  | (370/441).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S55 | 405  | (370/203).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S56 | 188  | (370/209).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:52 |
| S57 | 417  | (375/149).CCLS.          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 12:53 |
| S58 | 1425 | S33 or S34 or S35 or S36 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 12:54 |
| S59 | 4439 | S38 S39 S40 S41 S42      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 12:54 |

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| S60 | 2516  | S43 or S46                                                                                                                                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:00 |
| S61 | 0     | (3370/318).CCLS.                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:00 |
| S62 | 330   | (370/318).CCLS.                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/08/04 13:00 |
| S63 | 4493  | S54 S62 S53 S52                                                                                                                                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:00 |
| S64 | 211   | ( GENERAT\$3 with OPTIM\$5 or<br>tempora\$3 or primary) with (CELL<br>or site or station) with<br>(IDENTIFY\$3 or identification\$1 or<br>ID) with CODE | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:02 |
| S65 | 9     | S64 and S58                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:04 |
| S66 | 8     | S64 and S59                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:06 |
| S67 | 9     | S64 and S60                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:10 |
| S68 | 39117 | ((common or code) near2 (pilot or<br>channel)) or (CPICH)                                                                                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 15:04 |
| S69 | 5     | S67 and S68                                                                                                                                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/08/04 13:07 |

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| S70 | 1   | S64 and S62                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:11 |
| S71 | 13  | S64 and S63                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 13:11 |
| S72 | 137 | ((common adj pilot adj channel))<br>or (CPICH) and ((Radio adj<br>network adj controller) or (RNC)))<br>same select\$3 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:05 |
| S73 | 10  | S72 and S20                                                                                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/08/04 15:06 |